

ABRASION-RESISTANT INK COMPOSITIONS AND METHODS OF USE

ABSTRACT OF THE INVENTION

5 This invention relates to ink compositions that includes a stable
nonpolyethylene-containing aqueous dispersion of pigment and particles of a
urethane polymer. Preferably the composition further includes a cross-linker
capable of cross-linking the urethane polymer. The compositions are useful for
printing on flexible or elastomeric substrates. These ink compositions
10 demonstrate increase durability, in particular abrasion resistance, abrasion
resistance during stretch and water resistance.